



BAKER & TTS, L.L.P.
FILE NO.: A34614-A-PCT-USA-A
070050.1921

#4

**COMBINED DECLARATION
AND POWER OF ATTORNEY**

(Original, Design, National Stage of PCT, Divisional, Continuation or C-I-P Application)

As the below named inventors, We hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names; We believe We are the original, first and sole inventors (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MDA-5 AS AN ANTIVIRAL AND ANTIPIROLIFERATIVE AGENT

This declaration is of the following type:

- original
- design
- national stage of PCT.
- divisional
- continuation
- continuation-in-part (C-I-P)

the specification of which: (*complete (a), (b), or (c)*)

- (a) is attached hereto.
- (b) was filed on January 22, 2002 as Application Serial No. 10/055,475 and was amended on (*if applicable*).
- (c) was described and claimed in PCT International Application No. filed on and was amended on (*if applicable*).

Acknowledgement of Review of Papers and Duty of Candor

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the subject matter claimed in this application in accordance with Title 37, Code of Federal Regulations § 1.56.

- In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.98.

Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT International Application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International Application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application on which priority is claimed

(complete (d) or (e))

- (d) no such applications have been filed.
- (e) such applications have been filed as follows:

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION			
COUNTRY	APPLICATION NO.	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
			<input type="checkbox"/> YES <input type="checkbox"/> NO []
			<input type="checkbox"/> YES <input type="checkbox"/> NO []
			<input type="checkbox"/> YES <input type="checkbox"/> NO []
ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION			
			<input type="checkbox"/> YES <input type="checkbox"/> NO []
			<input type="checkbox"/> YES <input type="checkbox"/> NO []
			<input type="checkbox"/> YES <input type="checkbox"/> NO []

Claim for Benefit of Prior U.S. Provisional Application(s)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date

Claim for Benefit of Earlier U.S./PCT Application(s) under 35 U.S.C. 120

(complete this part only if this is a divisional, continuation or C-I-P application)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

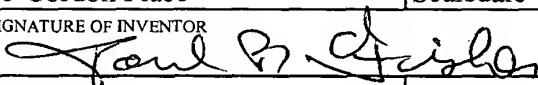
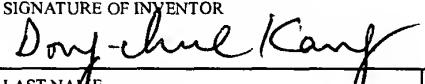
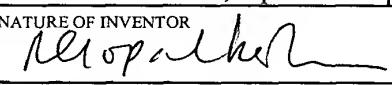
PCT/US01/06960 (Application Serial No.)	<u>28 February 2001</u> (Filing Date)	<u>Pending</u> (Status) (patented, pending, abandoned)
09/515,363 (Application Serial No.)	<u>February 29, 2000</u> (Filing Date)	<u>Pending</u> (Status) (patented, pending, abandoned)

Power of Attorney

As a named inventor, I hereby appoint Robert Neuner, Reg. No. 24,316; Richard G. Berkley, Reg. No. 25,465; Bradley B. Geist, Reg. No. 27,551; James J. Maune, Reg. No. 26,946; John D. Murnane, Reg. No. 29,836; Henry Tang, Reg. No. 29,705; Robert C. Scheinfeld, Reg. No. 31,300; John A. Fogarty, Jr., Reg. No. 22,348; Louis S. Sorell, Reg. No. 32,439; Rochelle K. Seide Reg. No. 32,300; Gary M. Butter, Reg. No. 33,841; Lisa B. Kole, Reg. No. 35,225; Neil Sirota, Reg. No. 38,306; Paul A. Ragusa, Reg. No. 38,587; Anthony Giaccio, Reg. No. 39,684; Carmella L. Stephens, Reg. No. 41,328; Alicia Russo, Reg. No. 46,192; Andrea Dorigo, Reg. No. 47,532; Tara Agnew, Reg. No. 50,589; and Kimberly J. McGraw, Reg. No. 50,994 of the firm of BAKER BOTTS L.L.P., with offices at 30 Rockefeller Plaza, New York, New York 10112, as attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith

SEND CORRESPONDENCE TO: BAKER BOTTS L.L.P. 30 ROCKEFELLER PLAZA, NEW YORK, N.Y. 10112 CUSTOMER NUMBER: 21003	DIRECT TELEPHONE CALLS TO: BAKER BOTTS L.L.P. (212) 408-2500
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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	LAST NAME Fisher	FIRST NAME Paul	MIDDLE NAME B.	
RESIDENCE & CITIZENSHIP	CITY Scarsdale	STATE or FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP United States of America	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 15 Gordon Place	CITY Scarsdale	STATE or COUNTRY New York	ZIP CODE 10583
DATE 9/19/02	SIGNATURE OF INVENTOR 			
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	LAST NAME Kang	FIRST NAME Dong-Chul	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY Rutherford	STATE or FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP Korea	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 200 Union Avenue, Apt. A	CITY Rutherford	STATE or COUNTRY New Jersey	ZIP CODE 07070
DATE	SIGNATURE OF INVENTOR 			
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	LAST NAME Gopalkrishnan	FIRST NAME Rahul	MIDDLE NAME V.	
RESIDENCE & CITIZENSHIP	CITY New York	STATE or FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 302 West 79th Street, Apt. 2A	CITY New York	STATE or COUNTRY New York	ZIP CODE 10024
DATE 9/19/02	SIGNATURE OF INVENTOR 			

Check proper box(es) for any added page(s) forming a part of this declaration

- Signature for ninth and subsequent joint inventors. Number of pages added _____.
- Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added _____.
- Signature for inventor who refuses to sign, or cannot be reached, by person authorized under 37 CFR 1.47. Number of pages added _____.

FILE NO.: A34614-A-PCT-USA-A
070050.1921COMBINED DECLARATION
AND POWER OF ATTORNEY

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(complete (d) or (e))

- (d) no such applications have been filed.
- (e) such applications have been filed as follows:

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070050.1921

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COUNTRY	APPLICATION NO.	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
			PRIORITY CLAIMED UNDER 35 USC 119
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
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PCT/US01/06960 28 February 2001 Pending
 (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned)

09/515,363 February 29, 2000 Pending
 (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned)

Power of Attorney

As a named inventor, I hereby appoint Robert Neuner, Reg. No. 24,316; Richard G. Berkley, Reg. No. 25,465; Bradley B. Geist, Reg. No. 27,551; James J. Maune, Reg. No. 26,946; John D. Murnane, Reg. No. 29,836; Henry Tang, Reg. No. 29,705; Robert C. Scheinfeld, Reg. No. 31,300; John A. Fogarty, Jr., Reg. No. 22,348; Louis S. Sorell, Reg. No. 32,439; Rochelle K. Seide Reg. No. 32,300; Gary M. Butler, Reg. No. 33,841; Lisa B. Kolc, Reg. No. 35,225; Neil Sirota, Reg. No. 38,306; Paul A. Ragusa, Reg. No. 38,587; Anthony Giaccio, Reg. No. 39,684; Carmella L. Stephens, Reg. No. 41,328; Alicia Russo, Reg. No. 46,192; Andrea Dorigo, Reg. No. 47,532; Tara Agnew, Reg. No. 50,589; and Kimberly J. McGraw, Reg. No. 50,994 of the firm of BAKER BOTTS L.L.P., with offices at 30 Rockefeller Plaza, New York, New York 10112, as attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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NY07-3050201

FILE NO.: A34014-A-PC1-USA-A
070050.1921

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	LAST NAME Fisher	FIRST NAME Paul	MIDDLE NAME B.
RESIDENCE & CITIZENSHIP	CITY Scarsdale	STATE or FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP United States of America
POST OFFICE ADDRESS	POST OFFICE ADDRESS 15 Gordon Place	CITY Scarsdale	STATE or COUNTRY ZIP CODE New York 10583
DATE	SIGNATURE OF INVENTOR		
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	LAST NAME Kang	FIRST NAME Dong-Chul	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY Rutherford	STATE or FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP Korea
POST OFFICE ADDRESS	POST OFFICE ADDRESS 200 Union Avenue, Apt. A	CITY Rutherford	STATE or COUNTRY ZIP CODE New Jersey 07070
DATE	SIGNATURE OF INVENTOR <i>Dong-chul Kang</i>		
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	LAST NAME Gopalkrishnan	FIRST NAME Rahul	MIDDLE NAME V.
RESIDENCE & CITIZENSHIP	CITY New York	STATE or FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP India
POST OFFICE ADDRESS	POST OFFICE ADDRESS 302 West 79th Street, Apt. 2A	CITY New York	STATE or COUNTRY ZIP CODE New York 10024
DATE	SIGNATURE OF INVENTOR		

Check proper box(es) for any added page(s) forming a part of this declaration

- Signature for ninth and subsequent joint inventors. Number of pages added _____
 Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor.
 Number of pages added _____ 02 SEP 23 PM 7:39
- Signature for inventor who refuses to sign, or cannot be reached, by person authorized under 37 CFR 1.47.
 Number of pages added _____

